

## Datasheet Version 1/2009 SLM 0,6/1 kV **PVC Composite Connection Cable**

**Application:** These connection cables are well suited for fixed installations and for flexible use e.g. in machine and plant engineering for medium level mechanical stress in dry, damp and wet locations.



**Construction:**

- 1 ..... fine-stranded bare copper
- 2 ..... core insulation of polyvinylchloride (PVC)
- 3 ..... outer sheath of polyvinylchloride (PVC)  
grey or black, increased oil resistant

**According to:** DIN EN 60228 class 5 (construction)  
HD 308 S2 (core identification)  
core identification: 1 core green/yellow, other cores black with figures

### Technical data:

Nominal voltage U <sub>0</sub> /U	[V]	600 / 1000 Volt
Test voltage	[V] <sub>AC</sub>	4000
Temperature range	in motion fixed	-5 °C till +70 °C -30 °C till +70 °C
Bending radius	one time / fixed	x diameter 5,0
Bending radius	in motion	x diameter 7,5
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section mm <sup>2</sup>	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter mm	Weight appr. kg / km
4 x 1,5	60	30 x 0,26	10,7	176
4 x 2,5	100	48 x 0,26	10,7	242
4 x 4	160	56 x 0,31	13,7	330
4 x 6	240	84 x 0,31	15,0	428
4 x 10	400	80 x 0,41	18,3	668
4 x 16	640	128 x 0,41	20,7	941
4 x 25	1.000	200 x 0,41	25,2	1.431
5 x 4	200	56 x 0,31	14,9	400
5 x 6	300	84 x 0,31	16,4	523
5 x 10	500	80 x 0,41	20,2	820